



NITFS Compliance Registration



Product: CIP v7.2a with SHARP Imagery

Sponsor: USAF CIP Program Office

Developer: Northrop Grumman Corporation

Date: 09 March 2010

Expiration: 08 March 2012

Registration #: 1043

☒ Initial Registration
Supplemental/Update # _____
☐ Derived from Reg. # _____

☒ **System**
N-0105/98, §4.1.1

NITFS Features Implemented:

Complexity Level							
NITF 2.1 CLEVEL							
	3	5	6	7			
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpret							
Generate							

☐ **Product**
N-0105/98, §4.1.2

☐ **Component**
N-0105/98, §4.1.3

Format

- NITF**
☒ 2.1
☐ 2.0
☐ 1.1
NSIF
☐ 1.0

Image Segment Types

- ☒ MONO
☐ RGB
☐ RGB/LUT
☐ YCbCr
☐ MULTI
☐ NO DISPLAY
☐ POLAR

Data Extension Segments

- ☐ TRE_OVERFLOW
☐ STREAMING_FILE_HEADER
☐ Controlled Extensions **
☐ Registered Extensions **

Tagged Record Extensions

- ☒ ITXFIL
☒ KLRA
☒ CHIPB
☒ RSDs

Pixel Value Types

- ☐ Boolean
☒ Integer
☐ Signed Integer *
☐ IEEE Real *
☐ IEEE Complex *

Image Compression

- ☒ No compression
☐ PEG Lossy, 8-bit
☐ PEG Lossy, 12-bit
☐ PEG Downsampling
☐ PEG Lossless
☒ PEG 2000
☐ Bi-Level
☐ Vector Quantization

Annotation Segment Types

- ☐ Bit Mapped **
☐ CGM, 2301
☐ CGM, 2301A
☐ Labels **

Text Segments

- ☐ STA
☐ UT1
☐ U8S
☐ MTF

** NITF 2.0 feature

* NITF 2.1 feature

Configurations Tested:

2 Servers (A&B); Compaq ES45, 1250 MHz*4CPUs and
Tru64 UNIX@V5.1B

Interpret
Generate
Legend
☒ Fully implemented
☐ Partially implemented
☐ Not implemented

VALERIE BAKER, Lt Col, USAF, Division Chief
Joint Interoperability Test Command
Executive Agent to National Geospatial-
Intelligence Agency for the NITFS Test and
Evaluation Program

Registration does not guarantee that a product will meet all users' requirements.
Potential users should evaluate the detailed test results to determine the suitability of
the product for the intended use. Optional NITFS features may not be implemented.